Fundamental analysis is a type of investment analysis where the share value of a company is estimated by analyzing its sales,earnings,profits and other economic factors. This method is most suited for long term forecasting. Technical analysis uses the historical price of stocks for identifying the future

price. Moving average is a commonly used algorithm for technical analysis. It can be considered as the unweighted mean of past n data points. This method is suitable for short term predictions. The third method is the analysis of time series data. It involves basically two classes of algorithms, they are

\_ Linear Models

\_ Non Linear Models